

Week 13

September 13, 2016

Made Liquid Cultures of Adar 2-3x from last week to test digest tomorrow Gibsoned Globin pgRNA and Adar 2-3x

Globin pgRNA (Using small pgRNA cut vector)

- 5 ul vector
- 1.5 ul insert
- 10 ul Gibson mix
- 3.5 ul Water

Globin pgRNA (Using large pgRNA cut vector)

- 7 ul vector
- 1.5 ul insert
- 10 ul Gibson mix
- 1.5 ul Water

Globin pgRNA (Using pgRNA vector)

- 7 ul vector
- 1.5 ul insert
- 10 ul Gibson mix
- 1.5 ul Water

Adar 2-3x into Biobrick

- 2 ul Biobrick vector
- 2 ul insert
- 10 ul Gibson mix
- 5 ul Water

Biobrick Neg Control

- 2 ul Biobrick vector
- 10 ul Gibson mix
- 8 ul Water

PgRNA Neg Control

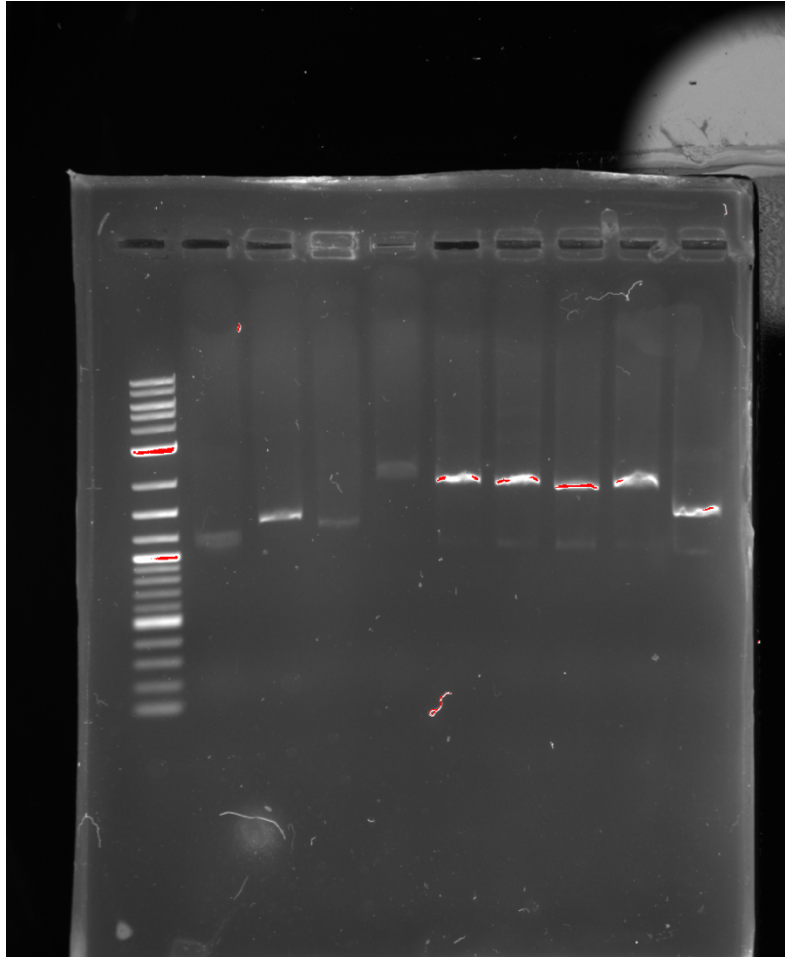
- 7 ul vector
- 10 ul Gibson mix
- 3 ul Water

September 14, 2016

Digest pgRNA with Bstx and xho1
Digest BB with EcoR1 and Pstx1

September 16, 2016

Ran digested Adar 2-3x BBs on gel



Lane 1 – Ladder
Lane 2 – Neg. Control
Lane 3 – Adar 2-3x BB #1
Lane 4 – Adar 2-3x BB #2
Lane 5 – Adar 2-3x BB #3
Lane 6 – Adar 2-3x BB #4
Lane 7 – Adar 2-3x BB #5
Lane 8 – Adar 2-3x BB #6
Lane 9 – Adar 2-3x BB #7
Lane 10 – Adar 2-3x BB #8

Analysis
Adar 2-3x BB #4 and #5 are
correct according to the
negative control.